

# INTERNATIONAL SEARCH REPORT

Interi Application No  
PCT/GB2004/004763

## A. CLASSIFICATION OF SUBJECT MATTER

B41F19/02

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
B41F B42D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document with indication where appropriate, of the relevant passages	Relevant to claim No
X	US 6 302 016 B1 (GIORI FAUSTO ET AL.) 16 October 2001 (2001-10-16) see abstract column 1, line 5 - column 4, line 62; figures 1-4	1-9
X	EP 0 440 045 A (GAO GESELLSCHAFT FUR AUTOMATION UND ORGANISATION MBH) 7 August 1991 (1991-08-07) see abstract column 14; figures 4,5	1
A		2-9
A	US 5 549 774 A (RICHARD G. MIEKKA ET AL.) 27 August 1996 (1996-08-27) cited in the application the whole document	1-9
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☒ Further documents are listed in the continuation of box C

☒ Patent family members are listed in annex

### \* Special categories of cited documents

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the International filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance, the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in this art

"&" document member of the same patent family

Date of the actual completion of the international search

2 December 2005

Date of mailing of the international search report

21. 12. 2005

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 087 510 A (EDWARD F. TOKAS ET AL. ) 11 February 1992 (1992-02-11) cited in the appl icati on the whole document -----	1-9
A	US 4 728 377 A (TERENCE J. GALLAGHER) 1 March 1988 (1988-03-01 ) cited in the appl ication the whole document -----	1-9
A	US 4 913 858 A (RICHARD G. MIEKKA ET AL. ) 3 April 1990 (1990-04-03) cited in the appl icati on the whole document -----	1-9
X	wo 02/094578 A (GIESECKE & DEVRIENT GMBH) 28 November 2002 (2002-11-28) see abstract page 2, line 1 - page 10, last line ; figures 1-3 -----	10-52
X	US 5 629 068 A (RICHARD G. MIEKKA ET AL. ) 13 May 1997 (1997-05-13) see abstract col umn 1, line 11 - col umn 6, line 61; figures 1-4 -----	10-52
Y	wo 92/16378 A (AMBLEHURST LIMITED) 1 October 1992 (1992-10-01 ) see abstract page 11 - page 17; figures 1-9 -----	10-52
Y	GB 2 231 572 A (THE DE LA RUE COMPANY P.L.C.) 21 November 1990 (1990-11-21) see abstract page 1, line 2 - page 11, line 11 -----	10-52
Y	EP 0 253 543 A (THOMAS DE LA RUE & COMPANY LIMITED) 20 January 1988 (1988-01-20) the whole document -----	10-52

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## Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☒ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

### Remark on Protest

☐ The additional search fees were accompanied by the applicant's protest,

☒ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-9

Integrated printing press  
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2. claims: 10-52

Metallic ink in security production  
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# INTERNATIONAL SEARCH REPORT

application No  
I PCT/GB2004/004763

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